Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
Data File : BG039527.D
Acq On : 15 Feb 2019 18:46
Operator : JU/SJ
Sample : K1346-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-021419-AMS

Manual Integrations APPROVED
Sohil
2/18/2019 12:14:19 PM

Quant Time: Feb 16 03:26:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51048	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	232542	20.00	ng		-0.01
39) Acenaphthene-d10	14.79	164	162541	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	378328	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	393883	20.00	ng		-0.02
87) Perylene-d12	25.22	264	405389	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	419313	140.58	ng		0.00
7) Phenol-d6	7.32	99	583758	132.96	ng		0.00
23) Nitrobenzene-d5	9.35	82	396030	106.39	ng		-0.01
42) 2,4,6-Tribromophenol	16.29	330	262327	149.88	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	944609	83.37	ng		-0.02
79) Terphenyl-d14	20.13	244	1483843	79.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	49180	37.695	ng	#	42
3) Pyridine	4.02	79	95182	27.555	ng		96
4) n-Nitrosodimethylamine	3.93	42	74639	43.206	ng		90
6) Aniline	7.50	93	71491	13.000	ng		99
8) 2-Chlorophenol	7.73	128	166433	51.048	ng		94
9) Benzaldehyde	7.31	77	110817	57.039	ng		96
10) Phenol	7.35	94	203938	44.561	ng		95
11) bis(2-Chloroethyl)ether	7.59	93	157489	43.549	ng		99
12) 1,3-Dichlorobenzene	8.06	146	169152	42.828	ng		97
13) 1,4-Dichlorobenzene	8.21	146	174198	44.250	ng		97
14) 1,2-Dichlorobenzene	8.53	146	164988	43.293	ng		99
15) Benzyl Alcohol	8.41	79	165813	48.106	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	308634	37.792	ng		98
17) 2-Methylphenol	8.61	107	147970	49.962	ng		98
18) Hexachloroethane	9.26	117	58966	43.538	ng		93
19) n-Nitroso-di-n-propylamine	8.97	70	134465	43.152	ng		96
20) 3+4-Methylphenols	8.94	107	205232	50.322	ng		96
22) Acetophenone	9.00	105	256411	41.049	ng	#	96
24) Nitrobenzene	9.39	77	200590	49.881	ng		97
25) Isophorone	9.91	82	387061	46.924	ng		98
26) 2-Nitrophenol	10.11	139	100214	59.139	ng		95
27) 2,4-Dimethylphenol	10.15	122	178673	53.546	ng		91
28) bis(2-Chloroethoxy)methane	10.39	93	235321	46.316	ng		100
29) 2,4-Dichlorophenol	10.63	162	194588	53.357	ng		92
30) 1,2,4-Trichlorobenzene	10.85	180	183500	44.817	ng		99
31) Naphthalene	11.05	128	535382	46.409	ng		99
32) Benzoic acid	10.27	122	113599	51.240	ng		99
33) 4-Chloroaniline	11.16	127	15715	2.938	ng		97
34) Hexachlorobutadiene	11.31	225	113444	41.663	ng		96
35) Caprolactam	11.94	113	54094m	35.845	ng		
36) 4-Chloro-3-methylphenol	12.26	107	208268	49.380	ng		95
37) 2-Methylnaphthalene	12.64	142	409142	47.884	ng		100
38) 1-Methylnaphthalene	12.85	142	394483	47.895	ng		99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	221910	42.910	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	259751	92.173	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	160035	50.329	ng		96
44) 2,4,5-Trichlorophenol	13.31	196	177416	53.236	ng		98
46) 1,1'-Biphenyl	13.64	154	554649	41.013	ng		99
47) 2-Chloronaphthalene	13.68	162	431233	42.387	ng		97
48) 2-Nitroaniline	13.89	65	150710	50.952	ng		93
49) Acenaphthylene	14.52	152	702681	45.773	ng		99
50) Dimethylphthalate	14.25	163	567683	43.244	ng		99
51) 2,6-Dinitrotoluene	14.38	165	129515	52.134	ng		96
52) Acenaphthene	14.86	154	427384	42.889	ng		98
53) 3-Nitroaniline	14.70	138	34909	17.388	ng	#	93
54) 2,4-Dinitrophenol	14.91	184	112132	94.761	ng		97
55) Dibenzofuran	15.19	168	686245	42.952	ng		99
56) 4-Nitrophenol	15.00	139	195250	82.097	ng		89
57) 2,4-Dinitrotoluene	15.16	165	181520	56.168	ng		88
58) Fluorene	15.84	166	547867	46.000	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	165321	52.981	ng		98
60) Diethylphthalate	15.60	149	570531	42.035	ng		96
61) 4-Chlorophenyl-phenylether	15.83	204	292124	43.317	ng		98
62) 4-Nitroaniline	15.87	138	133675	48.511	ng		89
63) Azobenzene	16.12	77	523930	39.494	ng		97
65) 4,6-Dinitro-2-methylphenol	15.92	198	90312	56.561	ng		98
66) n-Nitrosodiphenylamine	16.04	169	496853	43.191	ng		99
67) 4-Bromophenyl-phenylether	16.73	248	186551	44.447	ng		94
68) Hexachlorobenzene	16.83	284	191380	45.448	ng		99
69) Atrazine	16.98	200	178459	42.451	ng		97
70) Pentachlorophenol	17.18	266	244226	83.447	ng		97
71) Phenanthrene	17.58	178	898979	45.910	ng		99
72) Anthracene	17.68	178	913108	47.342	ng		98
73) Carbazole	17.95	167	813734	42.275	ng		99
74) Di-n-butylphthalate	18.48	149	979160	43.603	ng		100
75) Fluoranthene	19.58	202	1078523	47.454	ng		99
77) Benzidine	19.77	184	168404	13.041	ng		97
78) Pyrene	19.94	202	1087255	44.341	ng		99
80) Butylbenzylphthalate	20.81	149	472518	45.682	ng		94
81) Benzo(a)anthracene	21.81	228	1079601	46.386	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	205414	23.802	ng		99
83) Chrysene	21.88	228	1006699	45.438	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	651605	44.157	ng		99
85) Di-n-octyl phthalate	22.95	149	1119643	45.926	ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1196108	50.318	ng	#	96
88) Benzo(b)fluoranthene	24.13	252	1054122	47.680	ng		98
89) Benzo(k)fluoranthene	24.20	252	1039373	46.827	ng		99
90) Benzo(a)pyrene	25.06	252	1044158	49.040	ng		99
91) Dibenzo(a,h)anthracene	29.19	278	969036	48.598	ng		99
92) Benzo(g,h,i)perylene	30.34	276	971365	48.875	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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